What is a **Wired Clock System?**

A wired clock system consists of a master clock that supplies AC power to synchronize all the clocks linked together by wires. Synchronized wired clocks are accurate to ± one second to the master clock and get correction signals hourly and every 12 hours.

Trouble-free synchronized analog and digital clocks can coordinate with bells to guarantee a safe and secure environment throughout your entire facility.

How Can a Wired Clock System Help You?

Maintenance-Free Accuracy: Perfectly synchronized time is visible on every clock in your facility. AllSync Plus® wired clocks are accurate to ± one second to the master clock.

Automatic Time Adjustment: You won't need to change the time twice a year because the AllSync IQ Wired Master Clock automatically adjusts for Daylight Saving Time and Leap Year.

Guaranteed for Five Years: Worry-free maintenance is guaranteed with our industry-leading five-year warranty. The AllSync Plus solid state movement is extremely reliable with fewer moving parts than mechanical movements.

Why Choose AllSync IQ® Wired System?

Control Time From your Desk: Remotely manage all your equipment from the convenience of your computer and control major brand clock systems with the AllSync IQ® Wired Master Clock.

Plug and Play: Changing your clocks is a snap because AllSync Plus clocks are shipped with our polarized, color-coded Molex plug, so you can't plug it in wrong.

Energy Saver: AllSync Plus clocks consume up to 80 percent less energy than traditional mechanical clocks.

AllSync IQ®

The economical solution to replace your failing master clock.

Controls most major brand system secondary clocks including:

American Time • Cincinnati Dukane • Faraday • Honeywell Lathem • National Time • Simplex® Standard™ Electric

- 99 schedules and 9999 events, plus a temporary schedule feature
- Automatic Daylight Saving Time and Leap Year adjustment
- Password security
- Included battery keeps time without external power and retains programmed data
- Manual control of signal circuits
- Surge protection
- Quartz crystal time base accurate to ±1 minute/year
- Impact-resistant polycarbonate enclosure
- Field upgrades via USB flash drive

5 Year Warranty

Energy Saver

UL Listed

Note: Masters are 120vac. If using with 24vac clocks a step down transformer is necessary.

If running a 2- or 3-wire 24vdc impulse system, a power booster must be purchased along with the AllSync IQ master to successfully run the system.

See page 71 for transformers and boosters.

AllSync IQ® Master Clock

6½"h x 11"w x 8½"d

The AllSync IQ® Master is the perfect replacement. It will work with your existing secondary clocks or AllSync Plus® clocks. Plus, you can **remotely manage** all of your equipment with the AllSync IQ Master.

This state-of-the-art time management unit provides synchronized control of secondary clocks, bell signals and electrical circuits. Programming the unit is fast and easy using the 16-button keypad or Remote Connect web interface.

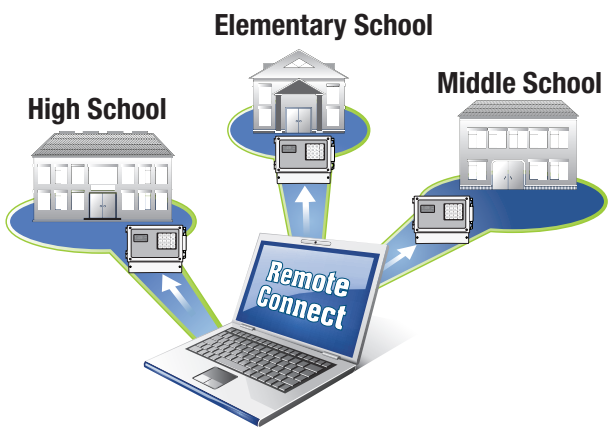
If you have a network synchronized over a local domain, you can maintain NIST timekeeping throughout your entire system. Clocks and PCs will have perfectly synchronized time using SNTP (Simple Network Time Protocol) or Daytime Protocol via an Ethernet connection plugged into the AllSync IQ Master.

Model No.	Description	Each
ASQMSTR-00X6E-WEB	Ethernet; 6 signal circuits; no clock circuits	$724.95
ASQMSTR-00X2E-WEB	Ethernet; no signal circuits; 2 clock circuits	$824.95
ASQMSTR-00X8E-WEB	Ethernet; 6 signal circuits; 2 clock circuits	$924.95

Control One Building (or Several) with Remote Connect!

General Features

- Assign custom durations
- Manage programming of up to six circuits
- Trigger wired and wireless devices remotely



Using AllSync IQ with Remote Connect means:

You can remotely manage all your equipment from the convenience of your computer, utilizing an Ethernet connection and/or remote access through an Internet connection.

Personalized clocks enhance your image!

Thousands of customers have purchased logo clocks to enhance their facility image and promote their brand. We customize the clocks **FREE** using your artwork when you purchase an AllSync IQ clock system.

The process is easy.

1. Send your artwork (logo, mascot, facility name, etc.) to sales@american-time.com in Adobe Illustrator EPS or AI file format (vector) or a high resolution (300 dpi) JPG or JPEG file format. We're sorry, but web graphics or low-resolution JPG files (raster) resized to a higher resolution, won't work. Simply put, you won't be happy with the look of a fuzzy image on your clocks.

RASTER
Resized to 300 dpi.
Will not work for logos.

VECTOR
Illustrator EPS or AI
Correct format for logos.

2. American Time will create an electronic proof of your clock dial and email it to you for final approval.

Not sure who to ask for the logo artwork?

Your marketing department, yearbook coordinator or district secretary probably have the electronic file you need to supply us. If you have a logo on business cards, stationary or uniforms, chances are someone has vector artwork.

Our experienced customer service reps are here to help make the process easy. Please call them at 800-328-8996 to place your personalized clock order. We want everyone to be thrilled with your custom clocks.

Our Customers Say It Best

"Our system went in without a hitch and works fantastically. The campus is extremely happy with the logo on the clocks and the fact that they can now go anywhere on campus and the clocks all read the same time."

Charles Bender, Las Positas College

Order desk open 7:30 a.m. to 5:00 p.m. CST—Monday-Friday

Why Choose AllSync Plus® Secondary Clocks

AllSync Plus® features…

Steel Case

- Durable metal case
- Choice of size and shape

Molded Case

- Durable black plastic case
- Shatter-resistant safety crystal

5 Year Warranty

Energy Saver

AllSync Plus secondary clocks work as a perfect team with the AllSync IQ® Master on page 91. The clocks read the correction signal upon installation, so no manual adjustments are needed.

Analog clocks are available in your choice of a steel, molded, aluminum or wood case. AllSync Plus has ±1 second accuracy to the master, a five- year warranty and **uses up to 80% less energy** than traditional mechanical clocks. Personalization of your clock dials is free when you purchase an entire AllSync IQ® clock system.

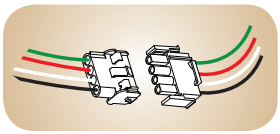
What's improved about AllSync Plus wall clocks?

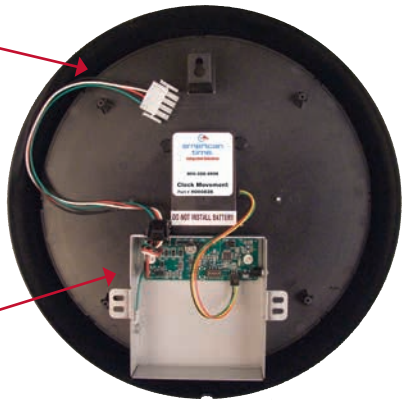
- Accurate to ±1 second to master
- 15 minutes of continued operation during power outages
- LED indicator for improved diagnostics

Save some green and some time with AllSync Plus!

Search "American Time AllSync Plus" on YouTube.

"Plug & Play" Connection





Solid-state circuit board movement

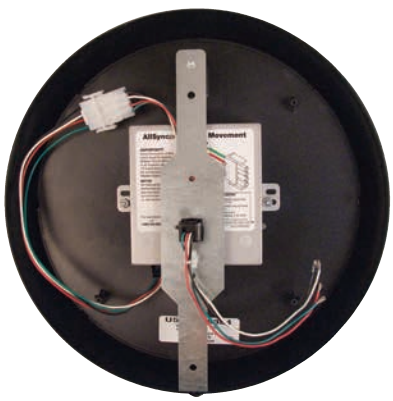
AllSync Plus®

Protect your clocks from damage or theft!

Tamper-resistant Security Brackets

Security brackets ensure your clocks stay where you want them. Install the bracket on the wall, hang the clock and tighten the screw.

Included FREE with AllSync Plus 12" plastic surface clocks



Order by Phone **800-328-8996**

Order by Fax **800-789-1882**

Order Online **american-time.com**

AllSync Plus® Secondary Clocks

synchronous-wired corrective

Dial Style 04

Schools and colleges around the country depend on American Time to keep them on time!

Economy and dependability are just two reasons to choose the AllSync Plus plastic case clocks for your new system.

- Accurate to ±1 second to master
- "Plug and play"–no manual adjustments
- **Reduced power usage** allows you to run 5 times as many clocks without adding boosters
- 15 minutes of continued operation during power outages—no batteries necessary
- Impact-resistant black plastic case
- Shatter-resistant safety crystal

5 Year Warranty

Energy Saver

Molded Case

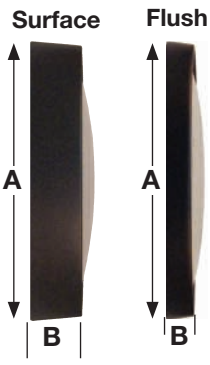
Description	120vac Model No.	24vac Model No.	SAVE! 1-4 ea.	5-9 ea.	10-24 ea.	25+ ea.
10" Round Surface	U44BAAA904-WEB	U44BABA904-WEB	$119.95	$111.95	$105.95	$99.95
10" Round Flush	U45BAAA604-WEB	U45BABA604-WEB	$119.95	$111.95	$105.95	$99.95
12" Round Surface	U54BAAA304-WEB	U54BABA304-WEB	$119.95	$111.95	$105.95	$99.95
12" Round Flush	U55BAAA604-WEB	U55BABA604-WEB	$119.95	$111.95	$105.95	$99.95
15" Round Surface	U64BAAA304-WEB	U64BABA304-WEB	$144.95	$134.95	$128.95	$122.95
15" Round Flush	U65BAAA604-WEB	U65BABA604-WEB	$144.95	$134.95	$128.95	$122.95
12" Round DD wall	U53BAAA204-WEB	U53BABA204-WEB	$302.95	N/A	N/A	N/A
12" Round DD ceiling	U52BAAA204-WEB	U52BABA204-WEB	$302.95	N/A	N/A	N/A
15" Round DD wall	U63BAAA204-WEB	U63BABA204-WEB	$347.95	N/A	N/A	N/A
15" Round DD ceiling	U62BAAA204-WEB	U62BABA204-WEB	$347.95	N/A	N/A	N/A

Order Notes:
DD=double dial

If running 24vac clocks, a step down transformer is necessary. See page 71.

12" AllSync Plus plastic surface clocks include security bracket.

Clock Dimensions	Surface		Flush	
Dial Size	A	B	A	B
10"	10⅜"	2½"	9⅞"	1⅜"
12"	13¼"	2½"	13¼"	2"
15"	16"	2½"	16	2"



Our Customers Say It Best

"We have had great success replacing all our different manufacturers' clocks using your AllSync Plus clocks."

Mick Gerard, Lake Elsinore School District

The affordable solutiion for your timekeeping needs!

AllSync Plus® Secondary Clocks

synchronous-wired corrective

This AllSync Plus series has the traditional look and feel of a durable steel case and are packed full of the technology needed by facilities today. AllSync Plus clocks have a five-year warranty and **use up to 80% less energy** than conventional mechanical clocks.

- Accurate to ±1 second to master
- **Reduced power usage** allows you to run 5 times as many clocks without adding boosters
- 15 minutes of continued operation during power outages–no batteries to install
- Solid state circuit board movement
- Easy "plug and play" installation
- Available in a variety of sizes, dial styles and voltages
- Durable black steel case
- Glass crystal *(Plexiglass optional)*

Dial Style 04

5 Year Warranty

Energy Saver

Steel Case

Description	120vac Model No.	24vac Model No.	SAVE! 1-4 ea.	5-9 ea.	10-24 ea.	25+ ea.
10" Round Flush	U45BHAA604-WEB	U45BHBA604-WEB	$129.95	$121.95	$115.95	$109.95
12" Round Surface	U54BHAA404-WEB	U54BHBA404-WEB	$129.95	$121.95	$115.95	$109.95
12" Round Flush	U55BHAA604-WEB	U55BHBA604-WEB	$129.95	$121.95	$115.95	$109.95
12" Square Surface	U57BHAA404-WEB	U57BHBA404-WEB	$139.95	$133.95	$127.95	$121.95
12" Square Flush	U58BHAA604-WEB	U58BHBA604-WEB	$139.95	$133.95	$127.95	$121.95
15" Round Surface	U64BHAA404-WEB	U64BHBA404-WEB	$154.95	$144.95	$138.95	$132.95
15" Round Flush	U65BHAA604-WEB	U65BHBA604-WEB	$154.95	$144.95	$138.95	$132.95
12" Round DD wall	U53BHAA204-WEB	U53BHBA204-WEB	$332.95	N/A	N/A	N/A
12" Round DD ceiling	U52BHAA204-WEB	U52BHBA204-WEB	$332.95	N/A	N/A	N/A
12" Square DD wall	U51BHAA204-WEB	U51BHBA204-WEB	$372.95	N/A	N/A	N/A
12" Square DD ceiling	U50BHAA204-WEB	U50BHAA204-WEB	$372.95	N/A	N/A	N/A
15" Round DD wall	U63BHAA204-WEB	U63BHBA204-WEB	$372.95	N/A	N/A	N/A
15" Round DD ceiling	U62BHAA204-WEB	U62BHBA204-WEB	$372.95	N/A	N/A	N/A

Order Notes:
DD=double dial

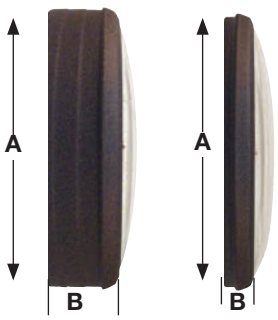
If running 24vac clocks, a step down transformer is necessary. See page 71.

Tamper-resistant Security Bracket

The H001241 security bracket ensures that your clocks stay where you want them. Install the bracket on the wall, hang the clock and tighten the screw.

H001241-WEB $4.95
For use with ATS 12" steel, surface mounted clocks only.

Surface Mount Flush Mount



Clock Dimensions	Surface		Flush	
Dial Size	A	B	A	B
Round				
10"	N/A		11⅛"	1⅝"
12"	13¼"	2¼"	13¼"	1⅝"
15"	16¼"	2¼"	16"	1⅝"
Square				
12"	12⅝"	3¼"	12⅝"	1¼"

AllSync Plus® Secondary Clocks

synchronous-wired corrective

Dial Style 04

These AllSync Plus clocks, beautifully displayed in an aluminum case, are packed full of the technology needed by facilities today. The classic dial design is easy to read and the clock complements any office, library or conference room decor.

- Accurate to ±1 second to master
- **Reduced power usage** allows you to run 5 times as many clocks without adding boosters
- 15 minutes of continued operation during power outages–no batteries to install
- Solid state circuit board movement
- Easy “plug and play” installation
- Attractive aluminum case in your choice of 2 sizes
- Size: Dial - 12" dia. Overall - 13⅜" dia. × 2⅝"deep
- Size: Dial - 15" dial. Overall - 16¼" dia. × 2⅝"deep

5 Year Warranty

Energy Saver

Aluminum Case

Description	120vac Model No.	24vac Model No.	SAVE! 1-4 ea.	5-9 Ea.	10-24 ea.	25+ ea.
12", surface	U54ALAA304-WEB	U54ALBA304-WEB	$149.95	$137.95	$131.95	$125.95
15", surface	U64ALAA304-WEB	U64ALBA304-WEB	$174.95	$162.95	$156.95	$150.95

Order Notes:
If running 24vac clocks, a step down transformer is necessary. See page 71.

Personalized dials available on AllSync Plus Clocks. Ask your Clock Expert for details.

Factory direct pricing from the clock experts!

AllSync Plus® Secondary Clocks

synchronous-wired corrective

Traditional materials meet modern timekeeping technology in wood case AllSync Plus clocks perfect for a conference room, library or office. Available in your choice of two colors and two sizes.

NEW

- Accurate to ±1 second to master
- "Plug and play"–no manual adjustments
- **Reduced power usage** allows you to run 5 times as many clocks without adding boosters
- 15 minutes of continued operation during power outages_no batteries to install
- Attractive wood case in your choice of two colors
- Shatter-resistant safety crystal
- Size: Dial - 12" dia. Overall - 15¾" x 2½" deep
- Size: Dial - 15" dia. Overall - 18½" x 2½" deep

5 Year Warranty

Energy Saver

Light Oak

Mahogany

Wood Case

Description	120vac Model No.	24vac Model No.	SAVE! 1-4 ea.	5-9 Ea.	10-24 ea.	25+ ea.
12" Light oak, surface	U55LOAA304-WEB	U55LOBA304-WEB	$179.95	$174.95	$169.95	$164.95
12" Mahogany, surface	U55MAAA304-WEB	U55MABA304-WEB	$179.95	$174.95	$169.95	$164.95
15" Light oak, surface	U65LOAA304-WEB	U65LOBA304-WEB	$199.95	$194.95	$189.95	$184.95
15"Mahogany, surface	U65MAAA304-WEB	U65MABA304-WEB	$199.95	$194.95	$189.95	$184.95

Order Notes:
If running 24vac clocks, a step down transformer is necessary. See page 71.

Digital System Clock Replacement

For those areas in your facility that require the high visibility of a digital clock.

- 4"- 4 digit bar segment LED display
- 100% solid state
- Steel case with matte black finish
- Surface mount
- 12 hour time display with AM/PM indicator
- UL approved transformer
- Display visible over 100'
- Size - 5⅜"h × 12⅜"w × 3"d

Note: You will need to order two clocks for each double dial kit. Mount on 4x4 outlet box.

customer favorite

1 Year Warranty

DSY441RSA3-WEB	Digital Clock	**$189.95**
CC4DDKITSSIQ-WEB	Double Dial Kit	**$ 59.95**

See page 181 for 24vac and flush mount part numbers